

## Product datasheet for **MC217607**

### Patl2 (NM\_026251) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Patl2 (NM_026251) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Patl2
Synonyms:	4930424G05Rik; Pat1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217607 representing NM\_026251  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAATGCCTTGAAGGTCTGCACTTACAGCAGAGACCCAGCAAGTTCTGTCTCCTTGGCTCCTGAAG  
 AAGGCTTAGTGTGCCTTCCAACCTGGAGGAAGAGAAGGAGAATGAAGATGAATGTGTGTTCAGATCA  
 GGCTCCAGAAGTGAAGGAGGAAGGGTGTGGTCTCGGGGATCCAGCCATAGTGAGCGCCTTCCAAAATACC  
 CAAGTACCACAGCAGAGAGGGCTGCACAGTTCCACAGAGTCAAGGTCTCTGGTGCCTTGGGGATGTCAT  
 CAGCCTCCCTGCATTTTATGTGGCAGTCTGTGTTCCAAGAGCCAGTTCTCCAGCCCATCATTTTGGACC  
 GCAACAGCCTTACCAGATCCTTTTCTGTTCTACAGCCACTGACCCCGTGGCCCTAAGCTCAGCCTT  
 CCCAGTCATCTGACCCAGCTCCACCCTCAGCACCAGCAGATCCTGCAGCAGCAGCAACGGTGGCGTAGGA  
 GCGGAGTCCAACAGCAAGAAGTGTCCCGCCCAAGCCCTTGGTCTCGTGAGCCAGCTGCCTCAGATGC  
 CTATGCTAACCTCATGACCCGAAAAGAGAAGGACTGGGTGATAAGAGTGCAGATGGTTCAACTGCAGAGT  
 GAGAACCCCGCCTGGATGATTACTACTACCAGAAATACTATCAGAAGCTGGAGAAGAGACAGGCAGACA  
 AAGAGCTGCTTGGACAAAAGACCAGGGCTGAGTCTCTCAAGTTGGTACGCCCTTACATCCAGAAGCCTGA  
 AGTTTATGAGTCAGTGGTGCAGATTGAGGGTCCCTGGGCCAGGTAGCTGTATCAACATGTTTTAGCCCT  
 CGCCGAGCTATTGACGCTGTATCTACGGAACCCAAGAGCAGGATACAGGAGCTGCGAGCAGCCAGAGGC  
 TTCGGGTATTGTCCAGATTGAGAAGATGTTCCCTTCAAGTACTAAAAATAGAGGAGGGCCAGAATGATGG  
 GCTCCACAACCTACCACACTCGGGAACAGAGCAGCCAGGTTGAGAAGCTTTTCAGGCCTTAAAAACC  
 CAGGAGCAGAACAACCTGGAGGAGGCAGCAGATAACCTCCTGCAAGTGTCTGTGAGGAAAGGGAAAAG  
 TTTTGGTGGCTCGGCTGCTCCCTTCTGCCCCGGATCAAGCTGTTAGCCTCCTCTGTACATCACCTA  
 CCATCTGCCCTCCTGATCCAGAGGGACATGGCTGACCAGGGTCTACACATGCTATTCAAACCTCTGGGG  
 AAATATATCAGTCATCTGACCTCCATCAGCTCCTCCATGCAATGCAAGGACTAATGTTGTATACCTG  
 GCTCCTCAGAGCGGCCAGTCTCTGTGGTACTTCAGAATCAGTTTGGGATATCTCTGCTATATGCCTTGCT  
 GAGTCATGGAGAGCAGCTGGTATCCCTGGATCCTCCCTCCGATCCAGCAGTACTGTGCAACCTGGACA  
 GACTTGGTGATTCTGATTGCCTGGGAGATAGCTCAGTTGCCTGCAGCATCCTTGGCGGAGCCTCTAGCCT  
 TCCCCAGGAATCTGCTCCCTGTCTGCCATCACATGGACAAGCAAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_026251
- Insert Size:** 1590 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_026251.2](#), [NP\\_080527.2](#)

**RefSeq Size:** 2434 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 67578

**UniProt ID:** [A2ARM1](#)

**Cytogenetics:** 2

**Gene Summary:** RNA-binding protein that acts as a translational repressor.[UniProtKB/Swiss-Prot Function]